



**Jacques Whitford
Company, Inc.**

Consulting Engineers
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WASTE MANAGEMENT
DIVISION

Geotechnical Engineering
Site Investigations
Blasting Control
Earthworks
Foundations
Rock Mechanics

Materials Engineering & Research
Mining Engineering
Environmental Sciences
Environmental Engineering
Air Quality
Hydrogeology

Dartmouth, NS
Sydney, NS
Port Hawkesbury, NS
Saint John, NB
Fredericton, NB
Moncton, NB
Bathurst, NB
Charlottetown, PE
St. John's, NF
Corner Brook, NF
Goose Bay, LAB
Hull, PQ
Ottawa, ON
Toronto, ON
Regina, SK
Calgary, AB
Lethbridge, AB
Vancouver, BC
Freeport, ME
Winslow, ME
Mexico, DF
Moscow, Russia
Buenos Aires, Argentina

March 27, 1998

Mr. Michael B. Smith
Vermont Department of Environmental Conservation
Waste Management Division
103 South Main Street (West Office)
Waterbury, Vermont 05671-0404

RE: Upper Valley Press, Inc.
Floor Drain and Leachfield Closure

Dear Mr. Smith,

Enclosed are additional QA/QC reports associated with the data that were sent to you several days ago.

Very truly yours,

JACQUES WHITFORD COMPANY, INC.

Matthew F. Eichler
President

cc: C. Harris
M. Pearl
S. Grill

enclosures





LABORATORY REPORT

Eastern Analytical, Inc. ID#: 9843 CEH

Client: CEH-Jacques Whitford

Client Designation: UVP Litigation

Metals QA/QC and Narrative Report

QA/QC:	Blank	LCS	Matrix Spike
Matrix:	Soil	Aqueous	Soil
Units:	mg/kg	%	%
EPA Method:	6010B/ 7471	6010B/ 7471	6010B/ 7471
Limits:		90-110	75-125
Analyst:	RTW/JG	RTW/JG	RTW/JG
Date of Analysis:	09/08/97	09/08/97	09/08/97
Date of Hg Analysis	09/11/97	09/11/97	09/11/97
Arsenic	< 2	99	107
Barium	< 2	97	104
Cadmium	< 0.2	97	105
Chromium	< 0.4	98	105
Copper	< 0.4	101	103
Lead	< 2	96	105
Mercury	< 0.2	90	88
Nickel	< 0.4	103	109
Silver	< 0.2	96	93
Zinc	< 0.2	96	108

Samples were analyzed within holding time limits.

Instrumentation was calibrated in accordance with the method requirements.

The method blanks were free of contamination at the reporting limits.

The associated matrix spikes and/or Laboratory Control Samples met the above stated criteria.

There were no other exceptions in the analyses.

Approved By: Tim Wilson, Metals Supervisor



LABORATORY REPORT

Eastern Analytical, Inc. ID#: 9843 CEH

Client: CEH-Jacques Whitford

Client Designation: UVP Litigation

Metals QA/QC and Narrative Report

QA/QC:	Blank	LCS	Matrix Spike
Matrix:	Aqueous	Aqueous	Aqueous
Units:	mg/L	%	%
EPA Method:	200.7/245.1	200.7/245.1	200.7/245.1
Limits:		90-110	90-110
Analyst:	RTW/JG	RTW/JG	RTW/JG
Date of Analysis:	09/08/97	09/08/97	09/08/97
Date of Hg Analysis:	09/11/97	09/11/97	09/11/97
Arsenic	< 0.05	99	107
Barium	< 0.05	97	104
Cadmium	< 0.005	97	105
Chromium	< 0.002	98	105
Copper	< 0.01	101	103
Lead	< 0.01	96	105
Mercury	< 0.0002	90	89
Nickel	< 0.01	103	109
Silver	< 0.05	96	93
Zinc	< 0.005	96	108

Samples were analyzed within holding time limits.

Instrumentation was calibrated in accordance with the method requirements.

The method blanks were free of contamination at the reporting limits.

The associated matrix spikes and/or Laboratory Control Samples met the above stated criteria with one exception.

There were no other exceptions in the analyses.

Approved By: Tim Wilson, Metals Supervisor



LABORATORY REPORT

Eastern Analytical, Inc. ID#: 9872 CEH

Client: CEH-Jacques Whitford

Client Designation: UVP Litigation

Metals QA/QC and Narrative Report

QA/QC:	Blank	LCS	Matrix Spike
Matrix:	Soil	Aqueous	Soil
Units:	mg/kg	%	%
EPA Method:	6010B/ 7471	6010B/ 7471	6010B/ 7471
Limits:		90-110	75-125
Analyst:	RTW/JG	RTW/JG	RTW/JG
Date of Analysis:	09/10/97	09/10/97	09/10/97
Arsenic	< 2	98	71
Barium	< 2	100	85
Cadmium	< 0.2	99	84
Chromium	< 0.4	100	85
Copper	< 0.4	106	80
Lead	< 2	100	85
Mercury	< 0.2	90	88
Nickel	< 0.4	105	84
Silver	< 0.2	108	85
Zinc	< 0.2	99	81

Samples were analyzed within holding time limits.

Instrumentation was calibrated in accordance with the method requirements.

The method blanks were free of contamination at the reporting limits.

The associated matrix spikes and/or Laboratory Control Samples met the above stated criteria with one exception.

There were no other exceptions in the analyses.

Approved By: Tim Wilson, Metals Supervisor



LABORATORY REPORT

Eastern Analytical, Inc. ID#: 9928, 9946, 9961 CEH

Client: CEH-Jacques Whitford

Client Designation: UVP Litigation

Metals QA/QC and Narrative Report

QA/QC:	Blank	LCS	Matrix Spike
Matrix:	Soil	Aqueous	Soil
Units:	mg/kg	%	%
EPA Method:	6010B/ 7471	6010B/ 7471	6010B/ 7471
Limits:		90-110	75-125
Analyst:	RTW/JG	RTW/JG	RTW/JG
Date of Analysis:	09/16/97	09/16/97	09/16/97
Date of Hg Analysis	09/19/97	09/19/97	09/19/97
Arsenic	< 2	99	86
Barium	< 2	100	118
Cadmium	< 0.2	97	119
Chromium	< 0.4	97	115
Copper	< 0.4	101	115
Lead	< 2	94	116
Mercury	< 0.2	92	84
Nickel	< 0.4	103	118
Silver	< 0.2	104	111
Zinc	< 0.2	96	119

Samples were analyzed within holding time limits.

Instrumentation was calibrated in accordance with the method requirements.

The method blanks were free of contamination at the reporting limits.

The associated matrix spikes and/or Laboratory Control Samples met the above stated criteria.

There were no other exceptions in the analyses.

Approved By: Tim Wilson, Metals Supervisor



LABORATORY REPORT

Eastern Analytical, Inc. ID#: 10043 CEH

Client: CEH-Jacques Whitford

Client Designation: UVP Litigation

Metals QA/QC and Narrative Report

QA/QC:	Blank	LCS	Matrix Spike
Matrix:	Soil	Aqueous	Soil
Units:	mg/kg	%	%
EPA Method:	6010B/ 7471	6010B/ 7471	6010B/ 7471
Limits:		90-110	75-125
Analyst:	RTW/JG	RTW/JG	RTW/JG
Date of Analysis:	09/25/97	09/25/97	09/25/97
Date of Hg Analysis	09/25/97	09/25/97	09/25/97
Arsenic	< 2	94	90
Barium	< 2	98	89
Cadmium	< 0.2	98	90
Chromium	< 0.4	100	91
Copper	< 0.4	103	98
Lead	< 2	96	89
Mercury	< 0.2	102	98
Nickel	< 0.4	103	94
Silver	< 0.2	102	81
Zinc	< 0.2	99	93

Samples were analyzed within holding time limits.

Instrumentation was calibrated in accordance with the method requirements.

The method blanks were free of contamination at the reporting limits.

The associated matrix spikes and/or Laboratory Control Samples met the above stated criteria.

There were no other exceptions in the analyses.

Approved By: Tim Wilson, Metals Supervisor



LABORATORY REPORT

Eastern Analytical, Inc. ID#: 10142 CEH

Client: CEH-Jacques Whitford

Client Designation: UVP Litigation

Metals QA/QC and Narrative Report

QA/QC:	Blank	LCS	Matrix Spike
Matrix:	Aqueous	Aqueous	Aqueous
Units:	mg/L	%	%
EPA Method:	200.7/245.1	200.7/245.1	200.7/245.1
Limits:		90-110	90-110
Analyst:	RTW/JG	RTW/JG	RTW/JG
Date of Analysis:	10/06/97	10/06/97	10/06/97
Date of Hg Analysis	10/08/97	10/08/97	10/08/97
Arsenic	< 0.05	92	102
Barium	< 0.05	99	101
Cadmium	< 0.005	99	103
Chromium	< 0.002	100	101
Copper	< 0.01	104	103
Lead	< 0.01	97	97
Mercury	< 0.0002	91	94
Nickel	< 0.01	103	103
Silver	< 0.05	101	91
Zinc	< 0.005	99	105

Samples were analyzed within holding time limits.

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There were no other exceptions in the analyses.

Approved By: Tim Wilson, Metals Supervisor